

10518358

Docket No.: OKA-0222
DT01 Rec'd PCT/PTC 17 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hiroki Kuyama et al.

Application No.: NEW APPLICATION

Confirmation No.: N/A

Filed: December 17, 2004

Art Unit: N/A

For: SULFENYL COMPOUND, LABELING
REAGENT, AND METHOD OF ANALYZING
PEPTIDE

Examiner: Not Yet Assigned

STATEMENT PURSUANT TO 37 CFR 1.821(f)

MS Sequence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith for filing in connection with the above-referenced patent application is a labeled, computer readable copy of the Sequence Listing included in the application.

I hereby state that I have reviewed the paper copy of the Sequence Listing contained on pages 1 to 5 of said Sequence Listing, as required by 37 CFR 1.821(c), and have reviewed the computer readable form of the Sequence Listing, as required by 37 CFR 1.821(e), and that the content of the paper and computer readable copies for the above-referenced patent application are the same as required by 37 CFR 1.821(f).

Early favorable consideration of the patent application is respectfully solicited.

Dated: December 17, 2004

Respectfully submitted,

By 

David T. Nikaido

Registration No.: 22,663

RADER, FISHMAN & GRAUER PLLC

1233 20th Street, N.W., Suite 501

Washington, DC 20036

(202) 955-3750

Attorneys for Applicant

10/518358

DT01 Rec'd PCT/PTC 17 DEC 2004

1 / 5

SEQUENCE LISTING

<110> SHIMADZU CORPORATION

<120> Sulfenyl Compound, Labeling Reagent, and Method of Analyzing Peptide

<130> GP15-02-US

<150> JP 2002-191496

<151> 2002-06-28

<150> JP 2002-191497

<151> 2002-06-28

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: presinilin-1 (331-349)-Cys

<400> 1

Asn Asp Asp Gly Gly Phe Ser Glu Glu Trp Glu Ala Gln Arg Asp Ser

1

5

10

15

His Leu Gly Cys

20

<210> 2

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: labelled presinilin-1 (331-349)-Cys

<220>

<221> BINDING

<222> (10)

<223> 2-nitro-phenylthio-group

<220>

<221> BINDING

<222> (20)

<223> 2-nitro-phenylthio-group

<400> 2

Asn	Asp	Asp	Gly	Gly	Phe	Ser	Glu	Glu	Trp	Glu	Ala	Gln	Arg	Asp	Ser
1				5					10					15	

His	Leu	Gly	Cys
			20

<210> 3

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: amidemethylated labelled
presinilin-1 (331-349)-Cys

<220>

<221> BINDING

<222> (10)

<223> 2-nitro-phenylthio-group

<220>

<221> BINDING

<222> (20)

<223> amidemethyl-group

<400> 3

Asn	Asp	Asp	Gly	Gly	Phe	Ser	Glu	Glu	Trp	Glu	Ala	Gln	Arg	Asp	Ser
1				5					10					15	

His	Leu	Gly	Cys
			20

<210> 4
<211> 4
<212> PRT
<213> Bos taurus

<400> 4
Ile Trp Cys Lys
1

<210> 5
<211> 8
<212> PRT
<213> Bos taurus

<400> 5
Leu Asp Gln Trp Leu Cys Glu Lys
1 5

<210> 6
<211> 9
<212> PRT
<213> Bos taurus

<400> 6
Leu Asp Gln Trp Leu Cys Glu Lys Leu
1 5

<210> 7
<211> 10
<212> PRT
<213> Bos taurus

<400> 7
Val Gly Ile Asn Tyr Asn Leu Ala His Lys
1 5 10

<210> 8
<211> 5

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 8

Gly Leu Trp Glu Lys

1 5

<210> 9

<211> 8

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 9

Gly Leu Trp Glu Lys Ala Phe Lys

1 5

<210> 10

<211> 14

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 10

Leu Ile Ser Trp Tyr Asp Asn Glu Phe Gly Tyr Ser Asn Arg

1 5 10

<210> 11

<211> 4

<212> PRT

<213> *Gallus gallus*

<400> 11

Glu Trp Thr Arg

1

<210> 12

<211> 8

<212> PRT

<213> *Gallus gallus*

<400> 12

Glu Trp Thr Arg Met Val Ile Arg

1

5

<210> 13

<211> 6

<212> PRT

<213> Rattus norvegicus

<400> 13

Ala Trp Ala Val Ala Arg

1

5

<210> 14

<211> 7

<212> PRT

<213> Rattus norvegicus

<400> 14

Asn Thr Ala Ala Trp Ala Lys

1

5

<210> 15

<211> 5

<212> PRT

<213> Rattus norvegicus

<400> 15

Trp Lys Ile Arg Lys

1

5